

C1118.00/C

Abstract

Title: Evaporation of Liquids

A liquid sample 3 held in an open container 2 and including a volatile solvent, is evaporated by continuously removing inert gas rich in vapour by means of a suction tube 5 whose open end is held close to the top surface of the liquid. Vapour in the gas is then extracted in a refrigerated condensing vessel 6, from whence the purified gas is fed by a pump 7 for recirculation back into a sealed chamber 1 in which the container is mounted. In a modification, the inert gas is fed directly through a nozzle 17 into the container 2 while the gas/vapour mixture is extracted from the chamber 1 for recirculation, after passing through a condenser 6 or the like.